

Title (en)  
NATURAL LUBRICANT

Title (de)  
NATÜRLICHES SCHMIERMITTEL

Title (fr)  
LUBRIFIANT NATUREL

Publication  
**EP 3644963 A4 20210310 (EN)**

Application  
**EP 18823789 A 20180627**

Priority  
• US 201762525382 P 20170627  
• US 201816018697 A 20180626  
• IB 2018000678 W 20180627

Abstract (en)  
[origin: US2018369137A1] Personal lubricant compositions comprise: water, sclerotium gum, carrageenan, and one or more natural emollients. The compositions may comprise by weight: sclerotium gum in an amount in the range of about 0.5% to about 3.0%; carrageenan in an amount in the range of about 0.1% to about 3.0%; and one or more natural emollients in an amount in the range of about 0.5% to about 9.0%; and water. The compositions may be essentially free of one or more of paraben, glycerin or propylene glycol. The personal lubricant compositions may be tailored depending on the application. Sperm-friendly or rectal lubricants may have a pH of about 6 to about 8; and lubricants to promote vaginal health may have a pH of about 4 to about 5.

IPC 8 full level  
**A61K 9/00** (2006.01); **A61K 47/06** (2006.01); **A61K 47/12** (2006.01); **A61K 47/36** (2006.01)

CPC (source: EP US)  
**A61K 9/0031** (2013.01 - EP); **A61K 9/0034** (2013.01 - EP US); **A61K 47/12** (2013.01 - US); **A61K 47/36** (2013.01 - EP US)

Citation (search report)  
• [I] WO 0170271 A2 20010927 - COLLABORATIVE TECHNOLOGIES INC [US], et al  
• [T] US 2019083429 A1 20190321 - STRGAR WENDY [US]  
• [Y] US 2005239742 A1 20051027 - PLACE VIRGIL A [US], et al  
• [Y] WO 0152795 A2 20010726 - PROCTER & GAMBLE [US], et al  
• See references of WO 2019002929A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2018369137 A1 20181227**; AU 2018293780 A1 20200116; CN 110799175 A 20200214; EP 3644963 A2 20200506;  
EP 3644963 A4 20210310; WO 2019002929 A2 20190103; WO 2019002929 A3 20190411

DOCDB simple family (application)  
**US 201816018697 A 20180626**; AU 2018293780 A 20180627; CN 201880042559 A 20180627; EP 18823789 A 20180627;  
IB 2018000678 W 20180627